# GOVERNMENT OF INDIA
# ATOMIC ENERGY
# LOK SABHA

STARRED QUESTION NO:321
ANSWERED ON:13.12.2006
GENERATION OF ELECTRICITY FROM NUCLEAR POWER
Rathod Shri Harisingh Nasaru

**Will the Minister of ATOMIC ENERGY be pleased to state:**

:

(a) whether the percentage of electricity generated from nuclear power in the country is much lower than that of developed countries like US, Japan, Germany etc.,

(b) if so, the details thereof and the reasons therefor; and

(c) the efforts made by the Government to augment generation of electricity from nuclear plants?

## Answer

THE MINISTER OF STATE IN THE PRIME MINISTER'S OFFICE (SHRI PRITHVIRAJ CHAVAN)

(a)to(c): A Statement is laid on the Table of the House.

GOVERNMENT OF INDIA DEPARTMENT OF ATOMIC ENERGY

STATEMENT REFERRED TO IN REPLY TO LOK SABHA STARRED QUESTION NO.321 FOR ANSWER ON 13.12.2006 BY SHRI HARIBHAU RATHOD REGARDING GENERATION OF ELECTRICITY FROM NUCLEAR POWER

(a) Yes, Sir.

(b) The current nuclear power capacity in India is 3900 MWe and is about 3% of the total installed capacity in India. The percentage of electricity generated through nuclear power in the US, Japan and Germany is 19%, 29% and 31% respectively as compared to about 3% in India. The share in India is low on account of low capacity base.

Unlike other developed countries that have the benefit of shared technology development, our programme had to be self-reliant and therefore it took time to develop comprehensive capability in this frontier technology with restrictive trade barriers.

(c) The existing nuclear power capacity will increase to 7280 MWe by the end of XI Plan period on completion of the projects under construction progressively. More reactors are also planned in the XI Plan and beyond to increase the nuclear power capacity.